



Attorney Docket No. SAM-0289

PATENT 2070 2011/10 20

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

Woo-young Jang

Filing Date:

Herewith

Title:

APPARATUS AND METHOD FOR IMAGE CODING USING TREE-STRUCTURED QUANTIZATION BASED ON WAVELET

TRANSFORM

CERTIFICATE OF MAILING UNDER 37 C.F.R.§ 1.10

"Express Mail" Mailing Label Number <u>EL871910960US</u> I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, DC₂0231.

1-11-02

Date

Amy A

BOX PATENT APPLICATION

Assistant Commissioner for Patents Washington, DC 20231

TRANSMITTAL LETTER

Sir:

Enclosed herewith for filing in the above-identified patent application please find the following listed items:

- 1. New Application Transmittal;
- 2. New Patent Application;
- 3. Executed Declaration, Petition and Power of Attorney;
- 4. Nine (9) Sheets of Formal Drawings (Figures 1-10);
- 5. Certified Copy of Priority Document Korean Application No. 01-5946;
- 6. Check in the amount of \$740.00 to cover application filing fee;
- 7. Assignment Recordation Form Cover Sheet - PTO-1595;
- 8. Executed Assignment;
- 9. Check in the amount of \$40.00 to cover Assignment recordation fee; and
- 10. Return Postcard.

In connection with the foregoing matter, please charge any additional fees which may be due, or credit any overpayment, to Deposit Account Number 50-1798. <u>A duplicate copy of this letter is provided for this purpose</u>.

Respectfully submitted,

MILLS & ONFILO LLP

Eleven Beacon Street, Suite 605

Boston, MA 02108

Telephone: (617) 994-4900 Facsimile: (617) 742-7774

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Steven M. Mill

Registration Number 36,610 Attorney for Applicant



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BOX PATENT APPLICATION Assistant Commissioner for Patents Washington, D.C. 20231 NEW APPLICATION TRANSMITTAL								
Transmitted here	ewith for filing is the patent application of							
Inventor(s):	Woo-young Jang							
For (title):	APPARATUS AND METHOD FOR IMAGE CODING USING TREE-STRUCTURED QUANTIZATION BASED ON WAVELET TRANSFORM	CERTIFICATE OF MAILING 37 C.F.R. § 1.10 "Express Mail" Mailing Label Number <u>EL871910960US</u> I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to BOX PATENT APPLICATION, Assistant						
1. Type o a(n)	f Application This new application is for	Commissioner for Patents, Washington, DC 20231. Date:						
🛛 Orig	ginal (nonprovisional)	- Anywell						
\square Des	ign	Print Name						
	Plant							
\square Div	risional.							
☐ Cor	ntinuation.							
□ Con	ntinuation-in-part (C-I-P).							
2. Benefit of Prior Application(s)								
\boxtimes The new application being transmitted claims the benefit of prior Korean application nos. <u>01-5946</u> . See Item 7.								
3. Papers E	Enclosed							
18	Pages of specification							
4	_Pages of claims							
1	_ Page of Abstract							

The **enclosed** drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. 1.84(b).

9 Sheets of drawings

☐ formal
☐ informal
☐ Page of Cover Sheet

4.	Addit	ional papers enclosed					
	☐ Preliminary Amendment						
		Information Disclosure Statement (37 C.F.R. 1.98)					
		Form PTO-1449 (PTO/SB/08A and 08B)					
		Copies of cited references					
		Declaration of Biological Deposit					
		Authorization of Attorney(s) to Accept and Follow Instructions from Representative					
	☐ Special Comments						
	\boxtimes	Other: Return Postcard.					
5.	laration or oath						
	\boxtimes	Enclosed					
		□ Unexecuted					
		☑ Executed by					
		☑ inventors					
		legal representative of inventor(s). 37 CFR 1.42 or 1.43.					
		joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.					
		This is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached. See item 12 below for fee.					
		Not Enclosed					
		Application is made by a person authorized under 37 C.F.R. 1.41 (c) on behalf of all the above named inventor(s).					
		Showing that the filing is authorized.					
6.	Assign	nment					
	\boxtimes	An assignment of the invention to Samsung Electronics Co., Ltd.					
		is attached. A separate □ "COVER SHEET FOR ASSIGNMENT (DOCUMENT)					
		ACCOMPANYING NEW DATENT APPLICATION" or XEORM PTO 1595 is also attached					

will follow.

7. Certified Copy

Certified copy(ies) of application(s)

Korea	01-5946	February 07, 2001		
Country	Appln. no.	Filed		
Country	Appln. no.	Filed		
Country	Appln. no.	Filed		

from which priority is claimed

- is (are) attached.
- □ will follow.

8. Fee Calculation (37 C.F.R. 1.16)

CLAIMS AS FILED						
	Number filed		Number Extra	Rate	Basic Fee 37 C.F.R. 1.16(a) \$740.00	
Total						
Claims (37 CFR 1.16(c))	15	- 20 =	0	\$ 18.00		
Independent		•				
Claims (37 CFR 1.16(b))	3	- 3 =	0	\$ 84.00		
Multiple dependent claim	(s),					
if any (37 CFR 1.16(d))			+	\$280.00		

- ☐ A Preliminary Amendment is enclosed. The filing fee is calculated based on the status and number of claims remaining after entry of the Preliminary Amendment.
- ☐ Amendment deleting multiple-dependencies is enclosed.
- ☐ Fee for extra claims is not being paid at this time.

Filing Fee Calculation

\$ 740.00

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12. Authorization to Charge Additional Fees

The Commissioner is hereby authorized to charge the following additional fees during the entire pendency of this application to Account No. 50-1798.

37 C.F.R. 1.16(a), (f) or (g) (filing fees)

□ 37 C.F.R. 1.16(b), (c) and (d) (presentation of extra claims)
 □ 37 C.F.R. 1. 1 6(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the

☐ 37 C.F.R. 1. 1 6(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)

☐ 37 C.F.R. 1.17 (application processing fees)

□ 37 C.F.R. 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. 1.311(b))

13. Instructions as to Overpayment

☐ Credit Account No. 50-1798

□ Refund

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Respectfully submitted,

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